

# CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/071,244A

CRF Processing Date: 11/19/95  
 Edited by: DC  
 Verified by: DC (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING                      DATE: 11/19/2002  
PATENT APPLICATION: US/10/091,244A        TIME: 09:55:14

Input Set : A:\PTO.DC.txt  
Output Set: N:\CRF4\11192002\J091244A.raw

[illegible]

## RAW SEQUENCE LISTING

DATE: 11/19/2002

PATENT APPLICATION: US/10/091,244A

TIME: 09:55:14

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\11192002\J091244A.raw

```

63 Val Asp
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 18
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Intra-polypeptide linker
77 <400> SEQUENCE: 4
78 Val Gly Asp Ala Asp Gln Ala Ala Val Arg Val Val Gly Ala Ala Asp
79 1 5 10 15
80 Gln Ser
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 21
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Intra-polypeptide linker
92 <400> SEQUENCE: 5
93 Val Gly Ala Ala Glu Ala Glu Gln Ala Pro Ala Leu Val Arg Glu Val
94 1 5 10 15
95 Pro Lys Asp Ala Asp
96 20
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 17
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Intra-polypeptide linker
107 <400> SEQUENCE: 6
108 Phe Gly Ser Ala Ala Asn Arg Pro Ala Glu Ile Gly Thr Ala Ala Ala
109 1 5 10 15
110 Gln
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 17
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Intra-polypeptide linker
122 <400> SEQUENCE: 7
123 Leu Gly Glu Arg Pro Ala Ala Pro Ala Pro Val Thr Arg Asp Val Ser
124 1 5 10 15
125 Asp
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 19
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Intra-polypeptide linker
137 <400> SEQUENCE: 8

```

## RAW SEQUENCE LISTING

DATE: 11/19/2002

PATENT APPLICATION: US/10/091,244A

TIME: 09:55:14

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\11192002\J091244A.raw

```

138 Gly Glu Thr Val Ala Gly Ala Pro Ala Thr Pro Val Thr Thr Val Ala
140 1 5 10 15
141 Asp Ala Gly
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 21
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Intra-polypeptide linker
150 <400> SEQUENCE: 9
153 Glu Leu Phe Thr Gly Glu Asn Pro Ala Pro Val Arg Gly Pro Val Ser
154 1 5 10 15
155 Ala Val Gly Gln Asp
156 20
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 21
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Intra-polypeptide linker
165 <400> SEQUENCE: 10
168 Glu Leu Phe Thr Gly Glu Asn Pro Ala Pro Val Arg Gly Pro Val Ser
169 1 5 10 15
170 Val Val Gly Gln Asp
171 20
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 20
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Intra-polypeptide linker
180 <400> SEQUENCE: 11
183 Glu Leu Phe Thr Gly Glu Asn Pro Ala Pro Val Arg Gly Pro Val Ser
184 1 5 10 15
185 Ala Gly Gln Asp
186 20
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 30
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
195 <400> SEQUENCE: 12
198 Val Thr Asp Ser Glu Lys Val Ala Glu Tyr Leu Arg Arg Ala Thr Leu
199 1 5 10 15
200 Asp Leu Arg Ala Ala Arg Gln Arg Ile Arg Glu Leu Glu Ser
201 20 25 30
204 <210> SEQ ID NO: 13
205 <211> LENGTH: 38

```

## RAW SEQUENCE LISTING

DATE: 11/19/2002

PATENT APPLICATION: US/10/091,244A

TIME: 09:55:14

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\11192002\J091244A.raw

```

206 <210> TYPE: PRT
207 <210> ORGANISM: Artificial Sequence
208 <210> FEATURE:
209 <220> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
210 <400> SEQUENCE: 13
211 Met Ser Gly Asp Asn Gly Met Thr Glu Glu Lys Leu Arg Arg Tyr Leu
212 1 5 10 15
213 Lys Arg Thr Val Thr Glu Leu Asp Ser Val Thr Ala Arg Leu Arg Glu
214 20 25 30
215 Val Ala His Arg Ala Gly
216 35
221 <210> SEQ ID NO: 14
222 <210> LENGTH: 34
223 <210> TYPE: PRT
224 <210> ORGANISM: Artificial Sequence
225 <210> FEATURE:
226 <220> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
227 <400> SEQUENCE: 14
228 Met Ser Ala Pro Asn Glu Gln Ile Val Asp Ala Leu Arg Ala Ser Leu
229 1 5 10 15
230 Lys Glu Asn Val Arg Leu Gln Gln Glu Asn Ser Ala Leu Ala Ala
231 20 25 30
232 Ala Ala
233 <210> SEQ ID NO: 15
234 <210> LENGTH: 34
235 <210> TYPE: PRT
236 <210> ORGANISM: Artificial Sequence
237 <210> FEATURE:
238 <220> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
239 <400> SEQUENCE: 15
240 Val Ser Ala Ser Tyr Glu Lys Val Val Glu Ala Leu Arg Lys Ser Leu
241 1 5 10 15
242 Glu Glu Val Gly Thr Leu Lys Lys Arg Asn Arg Gln Leu Ala Asp Ala
243 20 25 30
244 Ala Gly
245 <210> SEQ ID NO: 16
246 <210> LENGTH: 33
247 <210> TYPE: PRT
248 <210> ORGANISM: Artificial Sequence
249 <210> FEATURE:
250 <220> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
251 <400> SEQUENCE: 16
252 Val Ala Asp Glu Gly Gln Leu Arg Asp Tyr Leu Lys Arg Ala Ile Ala
253 1 5 10 15
254 Asp Ala Arg Asp Ala Arg Thr Arg Leu Arg Glu Val Glu Glu Gln Ala
255 20 25 30
256 Arg
272 <210> SEQ ID NO: 17
273 <210> LENGTH: 30

```

## RAW SEQUENCE LISTING

DATE: 11/19/2002

PATENT APPLICATION: US/10/091,244A

TIME: 09:55:14

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\11192002\J091244A.raw

```

274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
280 <400> SEQUENCE: 17
281 Met Ala Thr Asp Glu Lys Leu Leu Lys Tyr Leu Lys Arg Val Thr Ala
282 1 5 10 15
283 Leu Leu His Ser Leu Arg Lys Gln Gly Ala Arg His Ala Asp
284 2 25 30
287 <210> SEQ ID NO: 18
288 <211> LENGTH: 32
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
295 <400> SEQUENCE: 18
296 Met Arg Glu Asp Gln Leu Leu Asp Ala Leu Arg Lys Ser Val Lys Glu
297 1 5 10 15
298 Asn Ala Arg Leu Arg Lys Ala Asn Thr Ser Leu Arg Ala Ala Met Asp
299 20 25 30
302 <210> SEQ ID NO: 19
303 <211> LENGTH: 33
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
310 <400> SEQUENCE: 19
311 Met Pro Glu Gln Asp Lys Val Val Glu Tyr Leu Arg Trp Ala Thr Ala
312 1 5 10 15
313 Glu Leu His Thr Thr Arg Ala Lys Leu Glu Ala Leu Ala Ala Ala Asn
314 20 25 30
315 Thr
318 <210> SEQ ID NO: 20
319 <211> LENGTH: 31
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: N-terminal linker of M3
327 <400> SEQUENCE: 20
328 Met Thr Asp Ser Glu Lys Val Ala Glu Tyr Leu Arg Arg Ala Thr Leu
329 1 5 10 15
330 Asp Leu Arg Ala Ala Arg Gln Arg Ile Arg Glu Leu Glu Ser Asp
331 20 25 30
334 <210> SEQ ID NO: 21
335 <211> LENGTH: 25
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: primer

```

VERIFICATION SUMMARY

DATE: 11/19/2002

PATENT APPLICATION: US/10/091,244A

TIME: 09:55:15

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\11192002\J091244A.raw